<u>ATTACHMENT VI</u>

TECHNOLOGY INNOVATIONS FUND

QUARTERLY PROJECT STATUS SUMMARY

February 25, 2005

On March 1, June 1, September 1, and December 1, E-Mail the following status information to the Council Chairman at this address.

Department/Agency: LSU/Computing Services

Name of Project: Exploiting Linux Services in Louisiana

LTIF Log No.:   03/300

Project Coordinator: William Beyer, 225-578-1981, bill@lsu.edu

Project Status: On Schedule

We set up a virtual z/Linux image for McNeese University and loaded the SAKAI open courseware server package on it. It appears to run as advertised. We set up another image as a web site host for the statewide LONI project. New images for a project in the Sociology department and a web server for the Mass Communications department use the campus Active Directory services for authentication, minimizing the need for yet another password for the users of these systems. We added a Wiki plug-in to the Zope application hosting package on the English department's web server image.

In the infrastructure area, we implemented the rsync utility to keep mirror images of key z/Linux systems on inexpensive Intel machines for emergency failover situations and consolidated some campus webcam functions onto the z/Linux LSU web site. z/VM V5 arrived and is targeted for installation and testing over the next month or so. SuSE z/Linux V9 was integrated into our virtual z/Linux cloning utilities and added to our automated local mirror of the SuSE updates from the vendor. We've settled into a monthly schedule for updating all z/Linux images with the latest fixes.

We had some discussion and are planning to move to a virtual switching function available in z/VM to eliminate the need for a dedicated z/Linux router image in each LPAR. This will return the routing function for each guest LAN in z/VM to the campus networking infrastructure. We also exchanged information with DSS concerning their plans to use a spare IFL in their mainframe to set up a z/VM-z/Linux environment.

Date: February 25, 2005

Percent Complete: 65% as planned

Explanation[1]:

[1]Note: An explanation should be provided if the project's "percent complete" is behind the baseline "percent complete" established with the MOU.